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Signed: _____

Athena E. Pretory

PATENT

Customer No. 22,852

Attorney Docket No. 9140.0030-00

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:)
)
NARASIMHAN, Mukundan et al.) Group Art Unit: 2826
)
Application No.: 10/789,953) Examiner: MANDALA, Victor A.
)
Filed: February 26, 2004)
)
For: DIELECTRIC BARRIER LAYER) Confirmation No.: 5786
FILMS)

MAIL STOP RCE

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

Sir:

SIXTH SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT UNDER
37 C.F.R. § 1.97(b)

Pursuant to 37 C.F.R. §§ 1.56 and 1.97(b), Applicants bring to the attention of the Examiner the documents on the attached listing. This Information Disclosure Statement is being filed before the mailing date of a first Office Action after the filing of a Request for Continued Examination in the above-referenced application.

Copies of the listed foreign patents and non-patent literature documents are attached.

Copies of the U.S. patents and patent publications are not enclosed.

Applicants respectfully request that the Examiner consider the listed documents and indicate that they were considered by making appropriate notations on the attached form.

This submission does not represent that a search has been made or that no better art exists and does not constitute an admission that each or all of the listed documents are material or constitute "prior art." If the Examiner applies any of the documents as prior art against any claim in the application and Applicants determine that the cited documents do not constitute "prior art" under United States law, Applicants reserve the right to present to the office the relevant facts and law regarding the appropriate status of such documents.


Applicants further reserve the right to take appropriate action to establish the patentability of the disclosed invention over the listed documents, should one or more of the documents be applied against the claims of the present application.

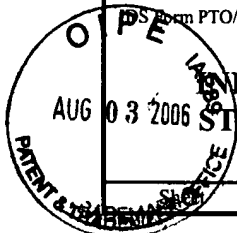
If there is any fee due in connection with the filing of this Statement, please charge the fee to our Deposit Account No. 06-0916.

Respectfully submitted,

FINNEGAN, HENDERSON, FARABOW,
GARRETT & DUNNER, L.L.P.

Dated: August 3, 2006

By: 
Jeffrey E. Danley
Reg. No. 57,228



US Form PTO/SB/08: Substitute for form 1449A/PTO		Complete if Known			
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)		Application Number	10/789,953		
		Filing Date	February 26, 2004		
		First Named Inventor	NARASIMHAN, Mukundan		
		Art Unit	2826		
		Examiner Name	MANDALA, Victor A.		
	1	of	3	Attorney Docket Number	9140.0030-00

U.S. PATENTS AND PUBLISHED U.S. PATENT APPLICATIONS					
Examiner Initials*	Cite No. ¹	Document Number	Issue or Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
		US 4,710,940	12/1/87	Sipes, Jr.	
		US 4,785,459	11/15/88	Baer	
		US 4,710,940	12/1/87	Sipes, Jr.	
		US 5,435,826	7/25/95	Sakakibara et al.	
		US 5,512,147	4/30/96	Bates et al.	
		US 5,569,520	10/29/96	Bates	
		US 5,597,660	1/28/97	Bates et al.	
		US 5,612,152	3/18/97	Bates	
		US 6,168,884 B1	1/2/01	Neudecker et al.	
		US 6,236,793 B1	5/22/01	Lawrence et al.	
		US 6,242,132 B1	6/5/01	Neudecker et al.	
		US 6,365,300 B1	4/2/02	Ota et al.	
		US 6,760,520 B1	7/6/04	Medin et al.	
		US 6,818,356 B1	11/16/04	Bates	
		US 6,884,327 B2	4/26/05	Pan et al.	
		US 2001/0031122 A1	10/18/01	Lackritz et al.	
		US 2003/0035906 A1	2/20/03	Memarian et al.	
		US 2003/0185266 A1	10/2/03	Henrichs	
		US 2005/0000794 A1	1/6/05	Demaray et al.	
		US 2005/0048802 A1	3/3/05	Zhang et al.	
		US 2005/0183946 A1	8/25/05	Pan et al.	
		US 2006/0134522 A1	6/22/06	Zhang et al.	

Note: Submission of copies of U.S. Patents and published U.S. Patent Applications is not required.

Examiner Signature		Date Considered	
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EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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IDS Form PTO/SB/08: Substitute for form 1449A/PTO			Complete if Known		
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)			<i>Application Number</i>	10/789,953	
			<i>Filing Date</i>	February 26, 2004	
			<i>First Named Inventor</i>	NARASIMHAN, Mukundan	
			<i>Art Unit</i>	2826	
			<i>Examiner Name</i>	MANDALA, Victor A.	
Sheet	2	of	3	<i>Attorney Docket Number</i>	9140.0030-00

FOREIGN PATENT DOCUMENTS						
Examiner Initials [*]	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	Translation ⁶
		Country Code ³ Number ⁴ Kind Code ⁵ (if known)				
		JP 7-224379 A	8/22/95	Ulvac Japan Ltd		Abstract
		WO 2006/063308 A2	6/15/06	Symmorphix, Inc.		

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials [*]	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	Translation ⁶
		COCORULLO, G. et al., "Amorphous silicon waveguides and light modulators for integrated photonics realized by low-temperature plasma-enhanced chemical-vapor deposition," <i>Optics Lett.</i> 21(24):2002-2004 (1996).	
		KELLY, P.J. et al., "A novel technique for the deposition of aluminum-doped zinc oxide films," <i>Thin Solid Films</i> 426(1-2):111-116 (2003).	
		Response to Office Action filed July 27, 2006, in U.S. Appl. No. 10/291,179 (Atty. Docket No. 09140.0001-00).	
		Notice of Allowance mailed August 6, 2002, for US Patent No. 6,506,289 (Atty. Docket No. 09140.0002-01).	
		Notice of Allowance mailed November 10, 2003 for US Patent No. 6,827,826 (Atty. Docket No. 09140.0002-02).	
		Final Office Action mailed June 9, 2006 in U.S. Appl. No. 11/100,856 (Atty. Docket No. 09140.0015-01).	
		Office Action mailed March 22, 2006, in U.S. Appl. No. 10/101,863 (Atty. Docket No. 09140.0016-00).	
		Response to Office Action filed June 12, 2006, in U.S. Appl. No. 10/101,863 (Atty. Docket No. 09140.0016-00).	
		Office Action issued on March 9, 2006, in U.S. Appl. No. 10/954,182 (Atty. Docket No. 09140-0016-01000).	
		Response to Office Action filed on May 15, 2006, in U.S. Application No. 10/101,341 (Atty. Docket No. 09140-0017-00).	
		Office Action issued on March 23, 2006, in U.S. Application No. 10/650,461 (Atty. Docket No. 09140-0025-00).	
		Response to Office Action filed on July 24, 2006, in U.S. Application No. 10/650,461 (Atty. Docket No. 09140-0025-00).	

Examiner Signature		Date Considered	
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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT***(Use as many sheets as necessary)*

Sheet

3

of

3

Complete if Known

<i>Application Number</i>	10/789,953
<i>Filing Date</i>	February 26, 2004
<i>First Named Inventor</i>	NARASIMHAN, Mukundan
<i>Art Unit</i>	2826
<i>Examiner Name</i>	MANDALA, Victor A.
<i>Attorney Docket Number</i>	9140.0030-00

NON PATENT LITERATURE DOCUMENTS

		Office Action from Singapore Patent Office in Appl. No. 200505388-9, dated March 20, 2006 (Atty. Docket No. 9140.0030-00256).	
		Office Action mailed April 19, 2006 in U.S. Application No. 10/851,542 (Atty. Docket No. 09140.0033-00).	
		Response to Office Action filed July 26, 2006 in U.S. Application No. 10/851,542 (Atty. Docket No. 09140.0033-00).	
		Specification as filed September 2, 2005, for U.S. Appl. No. 11/218,652 (Atty. Docket No. 09140.0052-00).	

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